



Sheet 1 of 1

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|---|--|--|----------------------------------|-------------------------------|
| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY DOCKET NO. 1344.1120 | APPLICATION NO. 10/606,935 |
| | FIRST NAMED INVENTOR Takafumi TERAHARA, et al. | | | |
| | FILING DATE June 27, 2003 | | GROUP ART UNIT 2613 | |
| | | | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|------------|---------------|-------|---------------|----------------|
| | AA | 7,340,182 B2 | 03/04/2008 | Uemura et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | TRANSLATION YES NO | | ABSTRACT |
|--|----|-----------------|------------|---------|-----------------------|---|----------|
| | AB | 2002-281095 | 09/27/2002 | Japan | | X | |
| | AC | 2002-152141 | 05/24/2002 | Japan | | X | X |
| | AD | 10-164019 | 06/19/1998 | Japan | | X | X |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | TRANSLATION YES NO | |
|--|----|---|--|--|-----------------------|----|
| | AE | Toshitaro Ito, et al., "Ultra high density WDM transmission equipment using optical duobinary coding and polarization interleave multiplexing" PROCEEDINGS OF THE 1997 IEICE GENERAL CONFERENCE March 24 to 27, 1997, KANSAI UNIVERSITY | | | | XX |
| | AF | T. Ono, et al., "Comparison of high density WDM characteristics for optical duobinary signal and intensity modulation signal" PROCEEDINGS OF THE 1997 IEICE GENERAL CONFERENCE March 24 to 27, 1997, KANSAI UNIVERSITY | | | XX | |

| | |
|--|-----------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

ATTACHMENT 1(e)

| | | |
|--|---------------------------|-----------------|
| EXPLANATIONS OF RELEVANCY OF REFERENCES | ATTORNEY DOCKET NO. | APPLICATION NO. |
| | 1344.1120 | 10/606,935 |
| | FIRST NAMED INVENTOR | |
| | Takafumi TERAHARA, et al. | |
| | FILING DATE | GROUP ART UNIT |
| | June 27, 2003 | 2613 |

- Please note that the references listed on the attached PTO-1449, excluding reference (AA) US 7,340,182, were cited in a Japanese Office Action issued on March 17, 2009 in corresponding Japanese Patent Application 2002-191346.
- Please note that reference (AA) US 7,340,182 corresponds to reference (AB) JP 2002-281095.

ATTACHMENT 1(g)

| | | |
|---|---------------------------|-----------------|
| LIST OF ADDITIONAL SUBMITTED DOCUMENTS | ATTORNEY DOCKET NO. | APPLICATION NO. |
| | 1344.1120 | 10/606,935 |
| | FIRST NAMED INVENTOR | |
| | Takafumi TERAHARA, et al. | |
| | FILING DATE | GROUP ART UNIT |
| | June 27, 2003 | 2613 |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
| | BA | | | | | | |
| | BB | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
|--|----|-----------------|------|---------|-------|---------------|-----------------------|--|
| | BC | | | | | | | |
| | BD | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | TRANSLATION YES NO | |
|--|----|--|--|--|--|--|-----------------------|----|
| | BE | Japanese Office Action issued on March 17, 2009 in corresponding Japanese Patent Application 2002-191346 | | | | | | XX |

| | |
|---|------------------------|
| EXAMINER | DATE CONSIDERED |
| <p>*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | |